

Mã³nica Lopes-Marques

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

732
citations

623188

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610482

24
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41
all docs

41
docs citations

41
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	The repertoire of the elongation of very long-chain fatty acids (Elovl) protein family is conserved in tambaqui (<i>Colossoma macropomum</i>): Gene expression profiles offer insights into the sexual differentiation process. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 261, 110749.	0.7	5
2	A Robust Assay to Monitor Ataxin-3 Amyloid Fibril Assembly. <i>Cells</i> , 2022, 11, 1969.	1.8	3
3	SLC35A2-CDG: Novel variant and review. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 26, 100717.	0.4	15
4	Compensatory epistasis explored by molecular dynamics simulations. <i>Human Genetics</i> , 2021, 140, 1329-1342.	1.8	6
5	Common polymorphic <i>OTC</i> variants can act as genetic modifiers of enzymatic activity. <i>Human Mutation</i> , 2021, 42, 978-989.	1.1	6
6	Evolution and Functional Characteristics of the Novel <i>elovl8</i> That Play Pivotal Roles in Fatty Acid Biosynthesis. <i>Genes</i> , 2021, 12, 1287.	1.0	16
7	An ancestral nuclear receptor couple, PPAR-RXR, is exploited by organotins. <i>Science of the Total Environment</i> , 2021, 797, 149044.	3.9	7
8	Assessing the effects of PMM2 variants on protein stability. <i>Molecular Genetics and Metabolism</i> , 2021, 134, 344-352.	0.5	2
9	Genetic Variability of the Functional Domains of Chromodomains Helicase DNA-Binding (CHD) Proteins. <i>Genes</i> , 2021, 12, 1827.	1.0	7
10	GBA3: a polymorphic pseudogene in humans that experienced repeated gene loss during mammalian evolution. <i>Scientific Reports</i> , 2020, 10, 11565.	1.6	2
11	PseudoChecker: an integrated online platform for gene inactivation inference. <i>Nucleic Acids Research</i> , 2020, 48, W321-W331.	6.5	14
12	The Echinodermata PPAR: Functional characterization and exploitation by the model lipid homeostasis regulator tributyltin. <i>Environmental Pollution</i> , 2020, 263, 114467.	3.7	9
13	Losing Genes: The Evolutionary Remodeling of Cetacea Skin. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	15
14	Essential genetic findings in neurodevelopmental disorders. <i>Human Genomics</i> , 2019, 13, 31.	1.4	41
15	Identification of a Novel Nucleobase-Ascorbate Transporter Family Member in Fish and Amphibians. <i>Fishes</i> , 2019, 4, 1.	0.7	11
16	Convergent inactivation of the skin-specific C-C motif chemokine ligand 27 in mammalian evolution. <i>Immunogenetics</i> , 2019, 71, 363-372.	1.2	9
17	Complete Inactivation of Sebum-Producing Genes Parallels the Loss of Sebaceous Glands in Cetacea. <i>Molecular Biology and Evolution</i> , 2019, 36, 1270-1280.	3.5	30
18	The Singularity of Cetacea Behavior Parallels the Complete Inactivation of Melatonin Gene Modules. <i>Genes</i> , 2019, 10, 121.	1.0	34

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19	A complete enzymatic capacity for long-chain polyunsaturated fatty acid biosynthesis is present in the Amazonian teleost tambaqui, <i>Colossoma macropomum</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 227, 90-97.	0.7	36
20	Evolutionary Exploitation of Vertebrate Peroxisome Proliferator-Activated Receptor β by Organotins. <i>Environmental Science & Technology</i> , 2018, 52, 13951-13959.	4.6	21
21	“Out of the Can” A Draft Genome Assembly, Liver Transcriptome, and Nutrigenomics of the European Sardine, <i>Sardina pilchardus</i> . <i>Genes</i> , 2018, 9, 485.	1.0	30
22	Retention of fatty acyl desaturase 1 (<i>fads1</i>) in Elopomorpha and Cyclostomata provides novel insights into the evolution of long-chain polyunsaturated fatty acid biosynthesis in vertebrates. <i>BMC Evolutionary Biology</i> , 2018, 18, 157.	3.2	40
23	Cetacea are natural knockouts for IL20. <i>Immunogenetics</i> , 2018, 70, 681-687.	1.2	19
24	Expansion, retention and loss in the Acyl-CoA synthetase “Bubblegum” (<i>Acsbg</i>) gene family in vertebrate history. <i>Gene</i> , 2018, 664, 111-118.	1.0	16
25	Molecular and functional characterization of a <i>fads2</i> orthologue in the Amazonian teleost, <i>Arapaima gigas</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 203, 84-91.	0.7	28
26	LXR α and LXR β nuclear receptors evolved in the common ancestor of gnathostomes. <i>Genome Biology and Evolution</i> , 2017, 9, evw305.	1.1	10
27	Unusual loss of chymosin in mammalian lineages parallels neo-natal immune transfer strategies. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 78-86.	1.2	15
28	Evolutionary functional elaboration of the <i>Elovl2/5</i> gene family in chordates. <i>Scientific Reports</i> , 2016, 6, 20510.	1.6	60
29	A cytosolic carbonic anhydrase molecular switch occurs in the gills of metamorphic sea lamprey. <i>Scientific Reports</i> , 2016, 6, 33954.	1.6	20
30	A mollusk VDR/PXR/CAR-like (NR1J) nuclear receptor provides insight into ancient detoxification mechanisms. <i>Aquatic Toxicology</i> , 2016, 174, 61-69.	1.9	16
31	Statins: An undesirable class of aquatic contaminants?. <i>Aquatic Toxicology</i> , 2016, 174, 1-9.	1.9	53
32	Basal Gnathostomes Provide Unique Insights into the Evolution of Vitamin B12 Binders. <i>Genome Biology and Evolution</i> , 2015, 7, 457-464.	1.1	6
33	The Origin and Diversity of <i>Cpt1</i> Genes in Vertebrate Species. <i>PLoS ONE</i> , 2015, 10, e0138447.	1.1	16
34	Diversity and history of the long-chain acyl-CoA synthetase (<i>Acs1</i>) gene family in vertebrates. <i>BMC Evolutionary Biology</i> , 2013, 13, 271.	3.2	60
35	Characterization of the Human Ornithine Transcarbamylase 3’ Untranslated Regulatory Region. <i>DNA and Cell Biology</i> , 2012, 31, 427-433.	0.9	7
36	Human carbamoyl phosphate synthetase I (CPSI): Insights on the structural role of the unknown function domains. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 409-412.	1.0	7

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37	A novel Acetyl-CoA synthetase short-chain subfamily member 1 (Acss1) gene indicates a dynamic history of paralogue retention and loss in vertebrates. <i>Gene</i> , 2012, 497, 249-255.	1.0	12
38	The Evolution of Pepsinogen C Genes in Vertebrates: Duplication, Loss and Functional Diversification. <i>PLoS ONE</i> , 2012, 7, e32852.	1.1	19
39	Consequences of primer binding-sites polymorphisms on genotyping practice. <i>Open Journal of Genetics</i> , 2011, 01, 15-17.	0.1	9